

Spex® Jenway® Genova Bio Spectrophotometers



The multi-element detectors on these scanning spectrophotometers measure the entire wavelength range at once, reducing wait times. Plus, each dataset contains readings from the complete spectrum, making the data readily available for future analysis. The detector's orientation shields the array from stray light, allowing you to perform measurements with the lid open, quickly exchange samples, and decrease user errors in results. The small footprint takes up less bench space, while the large colour touch screen is easy to read, and the graphical interface is intuitive. The USB port on the rear connects with a printer (sold separately), while the USB on the front accepts flash drives for data storage, quantitation curve uploads, and firmware updates. Measurement modes include photometrics, concentration, optical density (O.D. at 600nm), quantitation, spectrum scanning, and kinetics.

- Diode array technology speeds up spectral data acquisition
- Simultaneous measurement of all wavelengths increases productivity, scan time as short as 3 seconds
- Multiple measurement modes for broad application compatibility
- Preprogrammed for DNA, RNA and protein analysis
- Simple and easy to use at an affordable price
- Narrow spectral bandwidth of 3nm identifies peaks for determining nucleic acid purity
- Dedicated to life science applications
- Supplied with micro-cuvette holder, USB memory stick, and power adapter with three plugs (US, EU, and UK)

Specifications	
Wavelength Range, nm	198 to 800
Wavelength Accuracy, nm	±2
Wavelength Repeatability, nm	±2
Spectral Bandwidth, nm	3
Absorbance Range, A	-0.300 to 2.500
Absorbance Accuracy, A	±0.01 (at 1.0A and 546nm)
Absorbance Stability, A/h	±0.005 (at 0.04A and 546nm)
Noise, A	±0.002 (at 0.04A), ±0.02A (at 2.0A and 546nm)
Stray Light at 340nm, %T	< 1%T according to ANSI/ASTM E387- 72
Dims, w x d x h, mm	212 x 422 x 120
Weight, kg	2.8

Code	Alt Ref	Description	Price
SPE4506	720601	Scanning spectrophotometer with micro-cuvette holder	£3221.00
SPE4508	720605	Scanning spectrophotometer with TrayCell	£6282.00

Accessories

Code	Alt Ref	Description	Pack	Price
SPE4510	720304	Micro-cuvette holder for cuvettes with 8.5mm beam height	Each	£147.00
SPE4512	700000	Dust cover	Each	£48.00
SPE4514	35143	Plastic micro-cuvettes for UV/Vis wavelengths 70µL to 1.5mL fill volume	100	£106.00
SPE4516	35262	TrayCell for ultra-micro sample volumes supplied with caps for 1mm and 0.2mm path length	Each	£4139.00
SPE4518	35265	TrayCell cap for 2mm path length	Each	£605.00
SPE4520	35266	TrayCell cap for 0.1mm path length	Each	£605.00